Nop!

[redacted] Jonathan Erskine-Narkes

[redacted] MATHEMATICS

[redacted] MR HALFACRE

[redacted] 8D

Rm 202

S

Mr

Mr Desangeles

Exercise Book, feint & margin, Stock No. 200999

RULES

1. No unnecessary Noise
2. Do not speak when teacher is speaking
3. Put your hand up to ask Question.
4. Work NEatly in blue or black ink.
5. Make work in pencil or Red Biro

Mark

WHOLE NUMBERS. 2

A1.

(a) 26

3+4+7 +8+10 (B) 28 32

1+5+7 +8+9 (C) 32 30

A2.

(a) 15

(b) 18

4×5 =20 (c) 3×6 18

(d) 12 20

(e) 21

(f) 21

(g) 40

(h) 36

A3. 6 Five's ~~is~~ are 30.

A4. 8 four's ~~is~~ are 32.

A5. 8 four's ~~is~~ are 32.

A6. 3 six is 18

A7.

(a) 4 five's is 20.

(B) 6 three's is 18.

(C) 4 seven's is 28

(d) 3 ten's is 30.

A8.

(a) 5 × 4 = 20

(B) 3 × 6 = 18.

(c) 6 × 0 = 0

(d) 4 × 8 = 32

(e) 9 × 3 = 27

(f) 10 × 9 = 90

(g) 24 ÷ 4 = 6

(h) 15 ÷ 5 = 3

(i) 25 ÷ 5 = 5

A9.

(a) 32

(B) 65

A10.

(A)

stick	number of rings	score
2	2	4
4	3	12
5	3	15
9	2	18
	Total score	49

(B)

stick	numbers of Rings	score	
4	4	16	16
7	3	21	21
8	2	16	16
10	1	10	10
	Total score	47	63

Check this

(c)

stick	numbers of Rings	score
6	2	12
8	4	32
10	4	40
	Total score	84

B1.

(a) 4 x 7 windows. That makes 28 windows.
(b) 7 x 4 windows. That makes 28 windows.
(c) 6 x 5 windows. That makes 30 windows.
(d) 3 x 9 windows. That makes 27 windows.

B2.

(a) There are 25 windows.
(b) There are 36 windows.
(c) There are 36 windows.
(D) There are 35 windows.

(E) There are 36 windows. ✓

(F) There are 40 windows. ✓

B3. 6 ✓

B4 (a) 8 ✗

(b) 5 ✓

(c) ~~9~~ 6

(d) 5 ✓

B5.

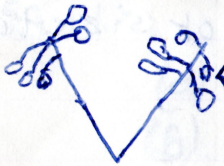
A $5 \times 3 = 15$ ✓

B $3 \times 8 = 24$ ✓

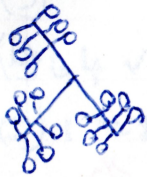
C $4 \times 6 = 24$ ✓

D $6 \times 5 = 30$ ✓

B6.



← 2×5 ✓



← $3 \times 6 = 18$ ✓

B7. (a) 40 black spots. ✓

(B) 5×8 ✓

B8.

(A) 32 ✓ (B) 6cm ✓

(B) 8 x 4 ✓

C2.

B9.

(a) 6cm ✓

(A) 42 ✓ (B) 3cm ✓

(B) 7 x 6 ✓

C3.

B10. (a) 1cm ✓

(A) 48 ✓ C4

(B) 6 x 8 ✓

(a) 1cm ✓

B11. (B) 12cm ✓

(c) Things look size time as long ✓

(A) 36 ✓ (d) 18cm ✓

(b) 6 x 6 ✓ (e) 6 cm ✓

(c) 18 ✓

(d) 6 x 3 ✓

C4

E1

(a) 3cm ✓

C5.

	Real Length	Length of glass
Head	1 cm	5 × 1 = 5 ✓
Body	2 cm	5 × 2 = 10 ✓
Head and Body	3 cm	5 × 3 = 15 ✓
Body and Tail	5 cm	5 × 5 = 25 ✓
Tail	4 cm	5 × 4 = 20 ✓
Whole lizard	7 cm	5 × 7 = 35 ✓

Mark in pencil or red biro

C6. (A) 12 ✓ (A) 448 ✓ (B) 32 256 ✓ (A) 12 × 8 = 108 ✓ (B) 108 × 72 = 7776 ✓

C7. 8 cm ✓

C8. 7 ✓

D1. 532 ✓

D2. (a) 39 ✓ (b) 3276 ✓

D3.

D4. (a) 24 × 12 = 288 ✓

D5. (a) 27 × 32 = 864 ✓ (B) 27 × 64 = 1728 ✓

D6. 76 × 52 = 3952 where is your work

(a) He earns £3952 12 × 9 = 3952 ✓ ?

D7.

D8. your own story ✓

D8.

I brought 45 boxs of eggs Each box had 28 eggs so there was 1260

WHOLE NUMBERS 1

A1. Alan's score is 44.

A2. he won a prize.

A3. 22

A4 more than 18.

A5. B and C

A6. There is 6 ways to make 23

9 + 9 + 5 = 23 9 + 9 + 5 = 23

5 + 5 + 5 + 5 + 3 = 23

20 + 3 = 23

10 + 10 + 3 = 23

9 + 6 + 8 = 23

A7.

5 + 4 + 1 = 10 ✓
3 + 3 + 4 = 10 ✓
20 − 10 = 10 ✓
5 + 5 = 10 ✓
30 − 20 = 10 ✓
10 + 0 = 10 ✓
10 × 1 = 10 ✓
5 × 2 = 10 ✓

(c) 62 ✓
(d) 78 ✓
(e) 62 ✗
(f) 87 ✓
(g) 88 ✓
(h) 79 ✓

B2.

(a) 49 ✓
(B) 53 ✓

A8.

(a) 5
(B) 29

B3.

(a) 49 ✓
(B) 54 ✓

A9.

Alan's score is 27 ✓
Barbara's score is 34 ✓

B1.

(a) 46 ✓
(b) 81 ✓

B4.

Score so far	Next go	New score
17	40	57
28	36	64
24	31	55
52	36	88
58	24	82

B5.
(a) 37
(b) 24

(A) 39
(B) 60
(C) 52
(d) 52
(e) 56
(F) 56
(g) 61
(h) 65

B6. 22

B7.

B8.
(A) 64
(B) 37

B9.
(a) 44
(b) 52

B10.
(A) 53

B11.
(A) 36

B12.
(A) 33

B13.
(A) 37

B14.
(A) 28

C1.
(A) 65 miles

C2.
(A) 37 miles
(B) 60 miles
(C) 53 miles

C3.
(A) 11 miles

C4
(A) 23 miles

C5.
(A) 27

C6.

(A) 44

(B) 9

C7.

(A) 42

(B) 38

C8.

(A) 16

(B) 21

(C) 65

(d) 23

(e) 27

(f) 4

(g) 35

(h) 66

D1.

42 on A,

411 on B,

6 on C;

114 on D,

D2

(A) 525

D3.

222 on E,

420 on F,

60 on G,

150 on H,

D4.

642

D5.

(a) 70

(B) 120

(C) 210

D6.

(a) 530

(B) 104

(C) 658

D7.

(a) 70

(b) 8

(c) 100

(d) 20

D8.

689

whole number 5

Mark in red or pencil please

A1.
(a) 6 horses ✓
(b) 12 left ✓

A2
(a) 4 horses ✓
(b) 1 left ✓

A3.
(a) 7 horses ✓
(b) 3 left ✓

A4.
(a) boxes ✓
(b) 2 tarts left ✓

A5.
(a) 5 boxes ✓
(b) 4 eggs left ✓

A6.
(a) 6 children ✓
(b) 2 penlics left ✓
pencils

A7.
(a) 4 children, but 2 left ✓
(b) 6 farmers. 3 left. ✓
(c) 4 frogs. 3 left. ✓
(d) 6 girls. 3 left. ✓
(e) 4 elephants gets 4 buns
5 buns are left over. ✓

B1.
(a) 28 ✓
(A) 28 ✓
(B) 23 ✓
(C) 17 ✓

B2.
(a) 18 ✓

B3.
(a) 13 ✓

B4.

B5
(a) 24p ✓

B6.
(a) 15 ✓

B7.

(a) 29 ✓

B8.

(a) 13 ✓

B9.

(a) 17 ✓

B10

(a) 15 ✓

B11.

(a) 5 men give 65 pounds to divide equally amongst them. ✓

(B) 13 ✓

B12.

(a) 27 ✓

(b) 27 ✓

B13.

Number of cakes	Number in of boxes	Number of boxes
60	4	15
76	2	38
76	38	2
48	16	3
48	3	16

✓

B14.

(a) 26 boxes he need. ✓

B15.

(a) 18 ✓

B16. 13 ✓

B17.

(a) 14 ✓

B18. 144 ✓

B19. 17p ✓

C1. peter bought 12 sweets. his friend gave him 10 sweets. Now he has 22 sweets. ✓

B

C2. I got 90 bottles (a) of lemonade.

I drank 25 bottles and I got 65 bottles left.

Unusual story!

(b) There are 8 Tennis Teams and 4 Players.

(c) I have only 17p. my and gave 83p.
? Now I got £pound

(d) I got 24 cookies and I share out 4 people Answer is 6 ✓

AN 01 ✓
AN 02 ✓
AN 03
AG1 B,C
AN 04
AN 05
"ANGLE 90"
AG2 A
0159

Ans. C and E.

ANGLE 1

16.10.91

A1.

Dagger A goes into slot 3.
Dagger B goes into slot 4.
Dagger C goes into slot 2.
Dagger D goes into slot 1.

A2.

Footprint A belongs to monster 3.
Footprint B belongs to monster 1.
Footprint C belongs to monster 2.
Footprint D belongs to monster 1.
Footprint E belongs to monster 3.
Footprint F belongs to monster 2.

B1.

E, A and C.

B2.

Angle A is equal to Angle F.
Angle B is equal to Angle C.
Angle D is equal to Angle E.

31.10.91

C1. Bigger than A: b ✓
Smaller than A: c ✓
Bigger than A: d ✓
Smaller than A: e ✓
Bigger than A: f ✓
smaller than A: g ✓
Bigger than A: h ✓
Bigger than A: i ✓

C2.
(A) Largest is A ✓ and c
(B) smaller is b ✓

D1.
(a) There are 8 right angles. ✓

D2. A and B are right angles ✓

6.11.91

D3.

D4 (a) There are 3 right angles ✓
(b) There are ~~4~~ ✓

12.01.18

D4.

(a) There are 3 right angles ✓

(B) There are 4 ✓

6.11.91

D5. Bigger: a, b, d, e and g ✓

Smaller: c, f and h ✓

D6. Yes ✓

REPRESENTING DATA.

RE 01 ✓
0857 ✓
RE 02 ✓
RE 03
0864
0448
RE 04 & 04a

REPRESENTING

27/11/91 Reresenting Data RE 01

1. 12c ✓
2. New york ✓
3. 23c ✓

4. London is coldest city.
5. 12c
6. Tokyo is 17c and Rome is 19c. Rome is ~~two~~ more than Tokyo

0857 (smile)

1. 115
2. 70
3. January is 45 more than February.
4. 25
5. ~~210~~ Total is 210
6. 40
7. 110 100 X
8. 60
9. Total is 190
10. January
11. March

Representing Data RE 02

1. Five buses.
2. twelve cars.
3. eight lorries. 3 more lorries than buses
4. 25 vehicles it passed 7+12+5+8 = 32
5. 14 Motor bikes, 24 cars, 10 buses and 18 Lorries. 64 (2 x 32)
6. 15 Motor bikes, 20 cars, 13 buses and 16 Lorries 8 x 32 = 256

28 Nov 91

Representing Data RE 03

1. 1 vehicle
2. 7 Motor cycles, 12 cars, 5 buses and 8 Lorries.
3. 32. vehicles
4. 60 cars.
5. 70 Motor cycles, 120 cars, 50 buses and 80 ~~buses~~ Lorries.
6.

Representing Data RE 03

1) The Answer is 1

2) [illegible] cycles, 12 [illegible]s, 5 buses and 8 lorries

3.

Co ordinates

Co 01 ✓

0261 ✓

0264

0262

0263

0853

0853A

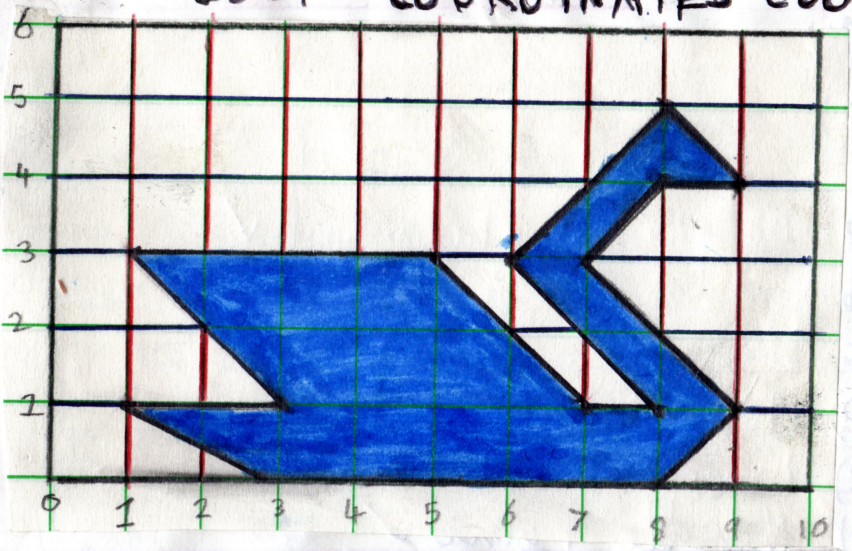
Co 03 ~~A B~~ A & B ✓

C51 A

~~60~~ 0~~2~~4

9/1/91

COORDINATES C001



Coordinates CO 03a

(a) 4, 2 Echo cavern ✓
(b) 2, 9 coral Reef ✓
(c) 8, 6 old Smokey Mountain ✓
(d) 12, 10 sandy cove ✓
(e) 1, 11 Fishing Grounds ✓
(f) 12, 3½ chief's Hut ✓
(g) 5, 0 Lighthouse ✓
(h) 2, 2½ seal point ✓
(i) crocodile swamp 3, 7½ ✓
(j) 15, 1 Shipwreck Rocks ✓

14/1/92

CO 03b

CoordiNATES

(2)

1 + 20 = 21

(a) Dolphin's playground ✓
(b) Golden Beach ✓
(c) shipwreck Rocks ✓
(D) Monastery ✓
(e) Lover's Leap ✓
(f) Needle Point ✓
(g) Happy Town ✓
(h) Green Lagoon ✓
(i) crocodile swamp ✓
(j) fishing grounds ✓

CO ordinates smile 0261

(1) The cave is at 2,1 ✓
The Rock is at 4,1 ✓
The wreck is at 4,4 ✓
The Treasure is 1,2 ✓

(2)

(a) Sand bank ✓

(b) cave ✓

(c) Treasure ✓

(d) Lookout ✓

(3)

(a) Swamp ✓

(b) Lake ✓

(c) $2\frac{1}{2}$, $2\frac{3}{4}$ ✓

8

4/2/92

DECIMALS

DE1 A ✓
NB 01 ✓
DE1 B ✓
NB 02
DE1 C(1-4)

$\frac{1}{10} = 0.1$

$\frac{2}{10} = 0.2$

$\frac{3}{10} = 0.3$

$\frac{9}{10} = 0.9$

$1\frac{1}{10} = 1.1$

$2\frac{2}{10} = 2.2$

$3\frac{3}{10} = 3.3$

$4\frac{4}{10} = 4.4$

Decimals 1 (B)

A1. The lizard is more than 11 cm long, but less than 12 cm long. ✓

A2. The length of the lizard is 11 cm and 2 tenths of a cm. ✓

A3.

	cm	Tenths of a cm
(a)	12	1
(b)	14	3
(c)	10	6
(D)	23	5
(e)	11	0
(f)	16	9

✓

A4. Using the decimal point

	Length in cm
(a)	12.1 cm
(b)	14.3 cm
(c)	10.6 cm
(d)	23.5 cm
(e)	11.0 cm
(f)	16.9 cm

✓

B

A5.

(A) 0.9 cm ✓

(b) 0.5 cm ✓

(c) 0.7 cm ✓

(d) 1·2 cm ✓

(e) 0.8 cm ✓

(f) 0.2 cm ✓

Measuring lengths

B1.

(A) Line a is 6.5 cm long ✓

(B) Line b is 6.7 cm long ✓

B2. a, b and c all used

B3.

(A) 8.7 cm ✓

(B) 7.3 cm ✓

(C) 0.7 cm ✓

(d) 10.2 cm ✓

(e) 9.3 cm ✓

(f) 8.0 cm ✓

B4.

(A) B ✓

(B) B, F, C, A, E, D ✓

B5.

(A) 0.8 cm ✓

(B) 1·7 cm ✓

(C) 4.3 cm ✓

(D) 5 cm ✓

2.6 cm ✓ (E) 5.6 cm. ✓

B6. 4.6 ~~cm~~ ✓1

B7.

(A) A = 2·25 shortest ✓

(B) B = 2·8 ✓

(C) C = 3,0 ✓

(D) D = 2·7 ✓

(E) (E) = 2.8 ✓

B8. 5.5 cm ✓

B9.

(A) 2.75 (X to A) ✓

(B) 2.1 (X to C) ✓

(C) 5.85 (X to B) ✓

(d) 4.6 (X to D) ✓

B10. your own quesses ✓

B11. your own quesses ✓

Good

C1. Reading scales (kilograms)

(A) 0.4 kg ✓

(B) 1.8 kg ✓

(C) 1.8 kg ✓

(d) 3.3 kg ✓

C2. Scales

(A) 1.3 ✓

(B) 2.2 ✓
(c) 3.8 ✓
(d) 10.7 ✓

C3. (I done the Worksheet already)

C4.
(A) 1.5. ✓
(B) 4.5. ✓
(C) 7.5. ✓
(d) 8.5 ✓
(e) 10.5 ✓
(f) 28.5 ✓
(g) 30.5 ✓
(h) 19.5 ✓

C5.
(A) height: 1.8. ✓ (kangroo) ✓
lenght: 1.9. ✓
(B) height: 1.5. ✓ (Great Indian Rhinoceros) ✓
lenght: 2.5. ✓

(c) height: 2.0 ✓ (Arabian camel)
lenght: 2.5 ✓
(D) height: 2.5. ✓ (Eland)
lenght: 2.5. ✓
(e) height: 0.7. ✓ (komodo dragon)
lenght: 2.9. ✓

C6.

(A) The giraffe is 5,8 metres high. ✓
(b) The man is 2.0 metres high. ✓
(C) The Elephant is 3.6 metres high. ✓
(D) The Bus is 4.4 metres high. ✓
(E) The Bison is 2.1 metres high. ✓

B

C7.

(A) 2.2 metres ✓

C8.

(A) 1.0 metres ✓

C9.

(A) 0.99 metres ✓ (head).

(

(B) 1.8 metres (body)
(C) 2.0 metres (Tail)

C10.

(A) 2.0 metres.
(B) 0.6 metres.
(C) 0.2 metres.
(D) 0.7 metres.

C11.

(A) 9.9 metres.
(B) 10.0 metres.
(C) 10.1 metres.
(D) 10.2 metres.
(E) 10.3 metres.
(F) 10.4 metres.
(G) 10.5 metres.
(H) 10.6 metres.
(I) 10.7 metres.
J 10.8 metres.

NUMBER BETWEEN 02 (NB 01)

£70	£50 £20	7000p	70.
£7.00	£5 £1 £1	700p	7.
£0.70	50p 10p 10p	70p	0.7
£0.07	1p 1p 1p 1p 1p 1p 1p	7p	0.07
£0.63	50p 10p 1p 1p 1p	63p	0.63
£63	£20 £20 £1 £1 £20 £1		

March
11/3/92

FRACTIONS

(number 0-1 A)

NA 01 ✓
NA 02 ✓
NA 03
1355
NA 04
NA 05
WALL
NA 06
NA 07

NA 01

2. (1).

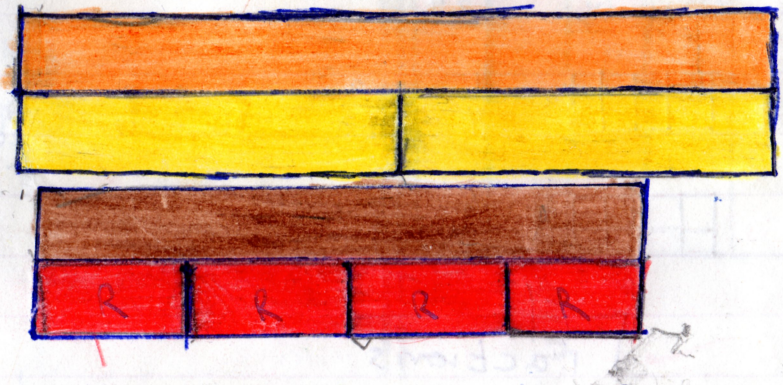
[redacted] 1. brown and pink.
2. 1 brown = 2 pink.

(2).
1. pink and red.
2. 1 pink = 2 red.

(3)

1. brown and red.
2. 1 brown = 4 red.

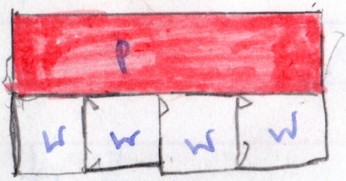
4



5

6 Yellow Rod is a half of orange Rod.

5.



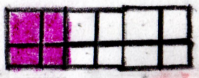
White is a quater of Pink

NA 02 ~

2. $\frac{1}{3}$ 3.
2. $\frac{1}{5}$

25.3.92

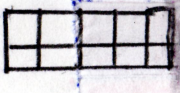
FRACTIONS

1. 

$\frac{1}{3} = \frac{2}{6} = \frac{4}{12}$

$\frac{3}{9} = \frac{7}{21} = \frac{8}{24}$

$\frac{1}{4} = \frac{2}{8} = \frac{4}{16} = \frac{3}{12} = \frac{5}{20}$



$\frac{6}{9} = \frac{14}{21} = \frac{16}{24}$

Fractions

A1.

(A) $\frac{1}{3}$

(B) $\frac{2}{3}$

A2.

(A) $\frac{1}{2}$

A3.

(A) NO yes

(B) $\frac{1}{3}$

A4.

(A) No

(B) No

(C) $\frac{1}{3}$ $\frac{1}{2}$

A5.

(A) $\frac{1}{4}$

(B) $\frac{3}{4}$

A6.

(A) $\frac{3}{5}$

(B) $\frac{2}{5}$

A7

(A) $\frac{5}{9}$

(B) $\frac{4}{9}$

B1.

(A)

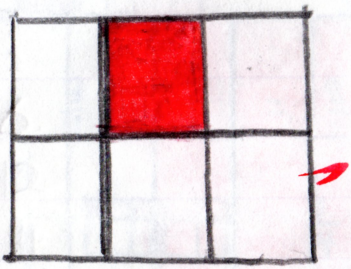
$\frac{3}{5}$

B2.

(A)

B3.

(A)



(B) ~~3~~ 6

(C)

MEASUREMENT

• 0323
• 0855
• 1348 P1,2,3
• ME 01
• 0294
• 1300 q1-4
T
• 0597

smile 0323

April
28.4.92

MEASUREMENT
METRE AND CENTIMETRE

1

(a) Pencil ✓
(b) Pen ✓
(c) cat ✓
(d) goldfish ✓
(e) mouse ✓

2.

(a) blackboard ✓
(b) cupboard ✓
(c) ruler ✗
(d) tree ✓
(e) wall ✓

20/19

19/20

3.

(a) pencilcase ✓
(b) bulldog ✓
(c) Car ✓
(d) Bus ✓
(e) Coach ✓

4.

(a) bettle ✓
(b) caterillar ✓
(c) fly ✓
(d) bubble bee ✓
(e) bumblebee

e, Drawing pin ✓

SMILE 0855
HOW LONG?

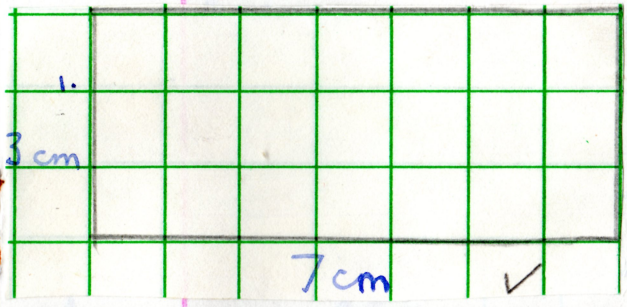
1) 2 cm ✓
2) 6 cm ✓
3) 12 cm ✓
4) 4 cm ✓
5) 10 cm ✓
6) 15 cm ✓
7) 9 cm ✓
8) 6 cm ✓
9) 5 cm ✓
10) 16.8 cm
11)
a. The card is 20.8 centimetre.
b. my book is 16.2 centimetre.
12)
a. GH = 2.1 cm. g. QR = $4.\frac{1}{4}$ cm ✓
b. JK = $7.\frac{1}{2}$ cm. ✓
c. TS = $2.\frac{1}{4}$ cm ✓
d. UV = 5.9 cm ✓
e. NP = $10.\frac{3}{4}$ cm ✓
f. LM = $7.\frac{1}{2}$ cm ✓

15/15

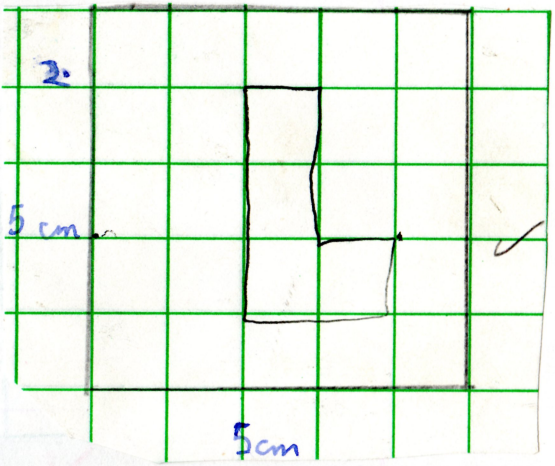
Me 01

Measurement

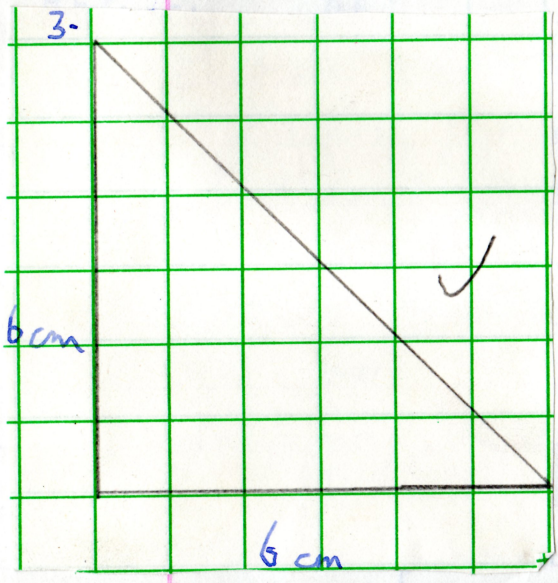
1.



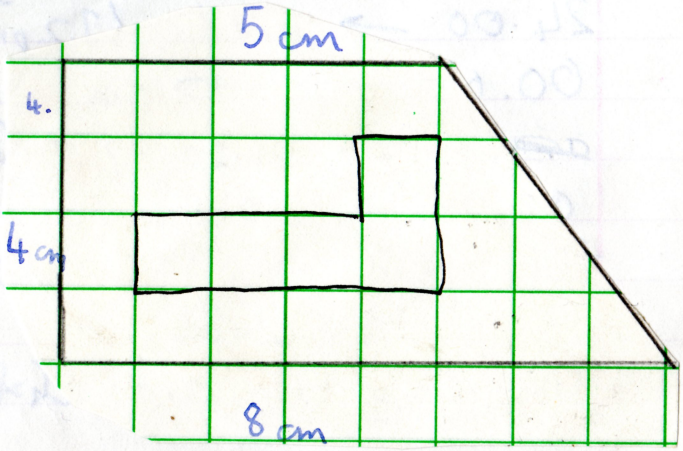
2.

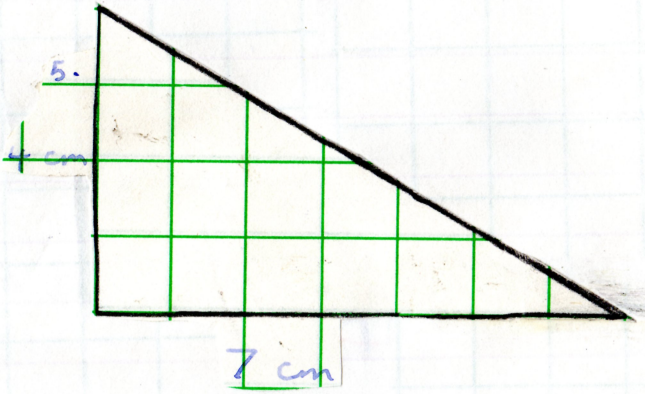


3.



4.





12th May 1992

TIME

24 hr clock am / pm

12.00 → noon midday
24.00 → midday (12pm)
00.00 → am
01.20 → 1.20 am
08.30 → 8.30 am
12.30 → 12.30 pm
14.34 → 2.34 pm

2. How long from 8.00 am to 3pm?

Answer:

7 hours.

2. 8.00 am to 4.13 pm

Answer: 8 hrs 13 mins

3. 9.13 am to 8.24 pm

11 hrs 11 min

4. 8.23 am to 11.07 pm

14 hrs 44 mins

Smile 0294

MEASURING LENGTHS

1. 1.9 cm

2.

(a) 6 cm (AB).

(b) 5.5 cm (CD).

(c) 2.8 cm (EF).

(d) 8.0 cm (GH)

(e) 13.8 (JK)

3.

(a) ef ✓
(b) cd ✓
(c) ab ✓
(d) gh ✓
(e) jk ✓

4.

(a) 6.7 cm ✓
5.2 cm ✓
+ 7.4 cm ✓
19.3 cm ✓

5.

(a) 5.5 cm ✓
4.9 cm ✓
2.8 cm ✓
4.4 cm ✓
17.6 cm ✓

6.

(a) 6.7 cm
4.9 cm
2.8 cm
7.6 cm
22.0 cm ✓

7.

(a) 2.2 cm ✓
3.4 cm ✓
6.4 cm ✓
5.1 cm ✓
4.0 cm ✓
5.5 cm ✓
2.5 cm ✓
6.1 cm ✓
5.5 cm ✓
40.7 cm ✓

Smile 1348

LOOK AND GUESS

1. D ✓
2. B ✓
3. D, J, H, A, E, C, G, F, B ✓
4.

AREA

AR 00 ✓
AR 01
0178 ✓
0860
AR1 A,C
0322
0859

AREA AND PERMETER AR 00

1A. 7cm, 7cm and 6cm ✓

Perimeter = 20 cms

UNIT 1
UNNECESSARY

2.

(b) 3 cm, 3 cm, 3 cm and 3 cm

$$\begin{array}{r} 3 \\ \times\ 4 \\ \hline 12 \end{array}$$

3 + 3 + 3 + 3 = 12 ✓

3.

(c) 2 cm, 6 cm; 2 cm and 6 cm

$$\begin{array}{r} 2 \\ 6 \\ 2 \\ 6 \\ \hline 16 \end{array}$$

2 + 6 + 2 + 6 = 16 ✓

✓

4

(D) ~~4~~. 4.1 cm, 2.1 cm, 3 cm, 6.1 cm and 5 cm.

69

4.1 + 2.1 + 3 cm + 6.1 + 5 = 20.3 ✓

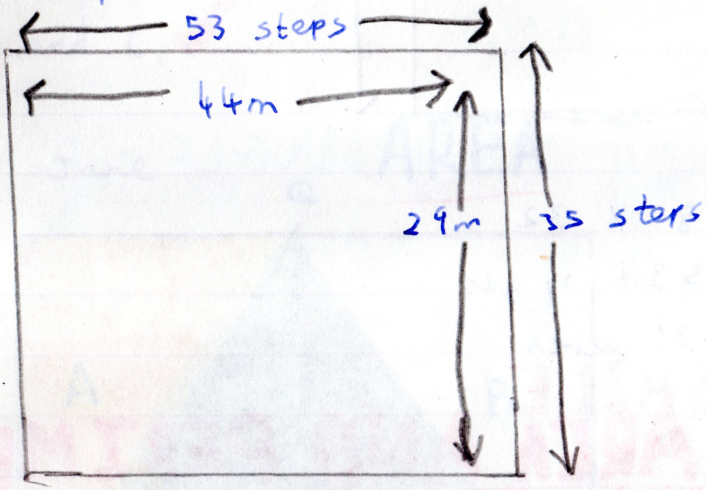
5.

(E) 9.2 cm, 4.1 cm 6 cm P = 19.3 cm.

AREA OF PLAYGROUND

9.6.92

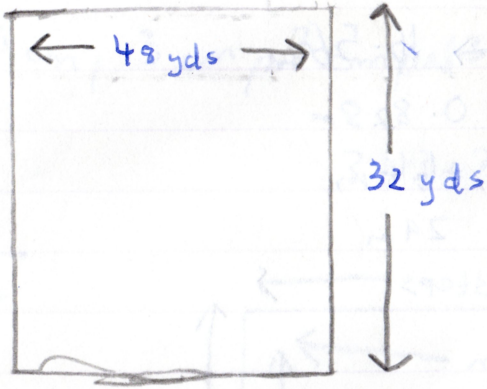
20 steps ↔ 16.56 m
1 step ↔ 0.828 m
53 steps ↔ 44 m
35 steps ↔ 29 m



Area of playground

= 44 × 29
= 1276 m² = 0.1276 Hectares

1 are = 100 m²
1 Hectare = 10000 m²



48 X 32

= 153.6 sq yds

= 0.31 acres

AREA AND PERIMETER

AR 01

1.

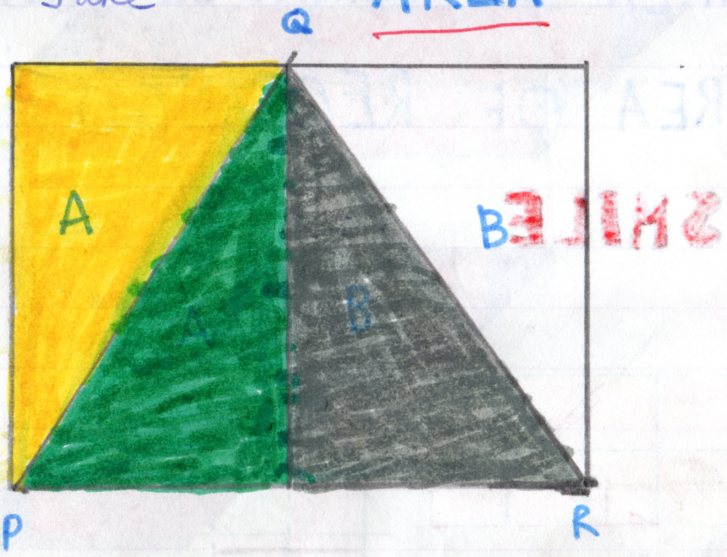
Rectangle	Height in ~~cm~~ cm	Width in cm	Area in cm	Perimeter in cm
A	1 ✓	7 ✓	7 ✓	16 ✓
B	2 ✓	6 ✓	12 ✓	16 ✓
C	3 ✓	5 ✓	15 ✓	16 ✓
D	4 ✓	4 ✓	16 ✓	16 ✓
E	5 ✓	3 ✓	15 ✓	16 ✓

F	6	2	12	16
G	7	1	7	16

2. Perimeter always the same. 16 cm.
3. D.
4. A and C.

16 June

AREA



AREA OF TRIANGLE PQR = A + B

AREA OF RECTANGLE = A + A + B + B
= 2A + 2B

HEIGHT

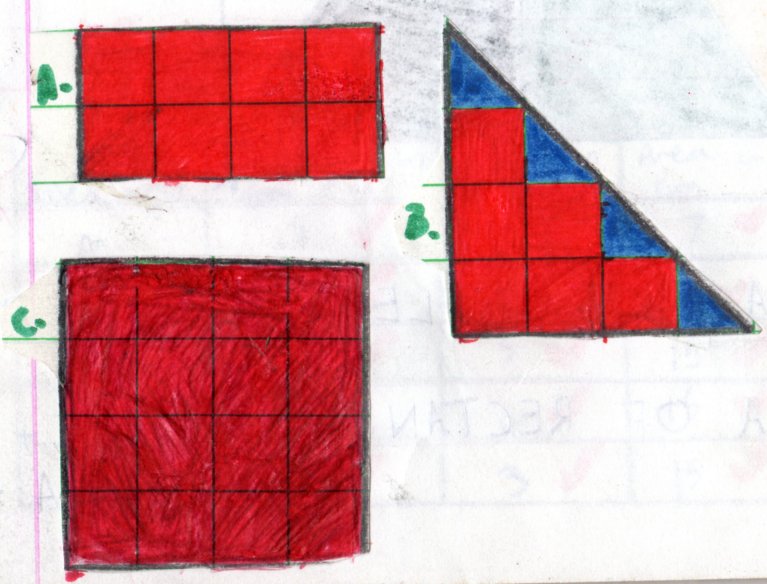
BASE

AREA OF TRIANGLE = $\frac{1}{2}$ Base × height

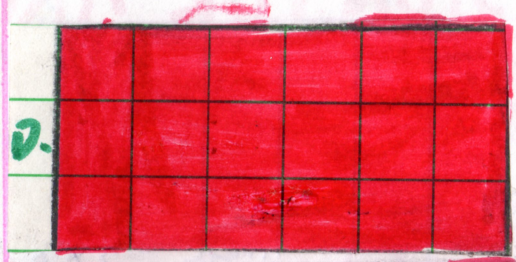
AREA OF RECTANGLE = Base × Height

SMILE 0868

The same Area

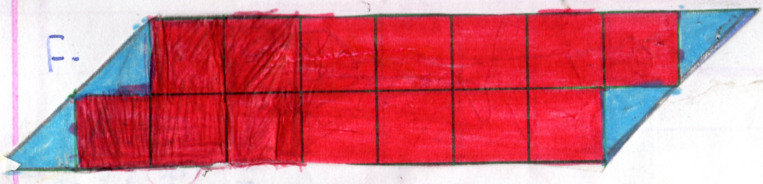


D.

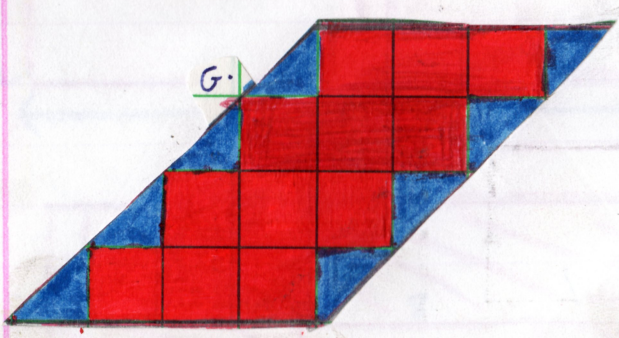


E.

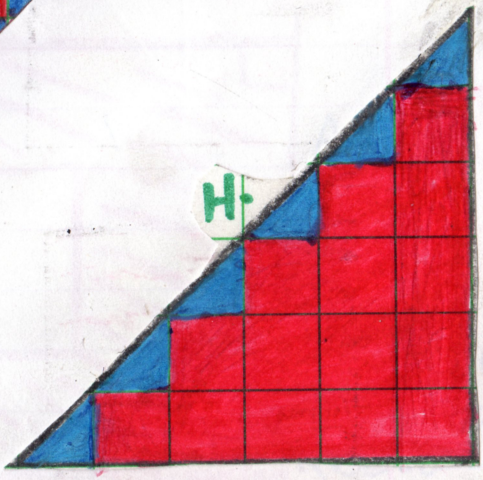
F.



G.



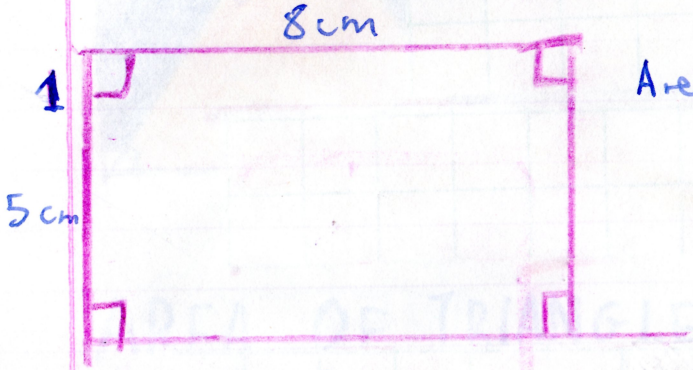
H.



June 23.6.92 TEST

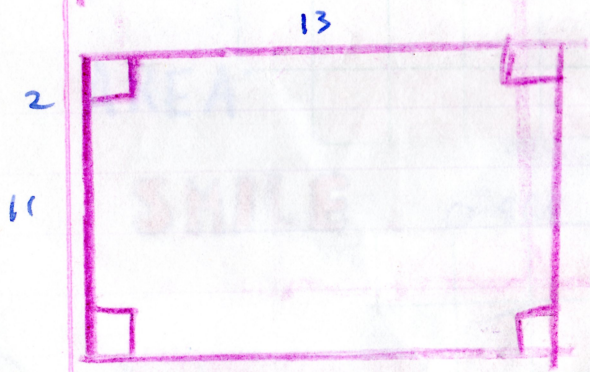
REVISION FOR AREA

1

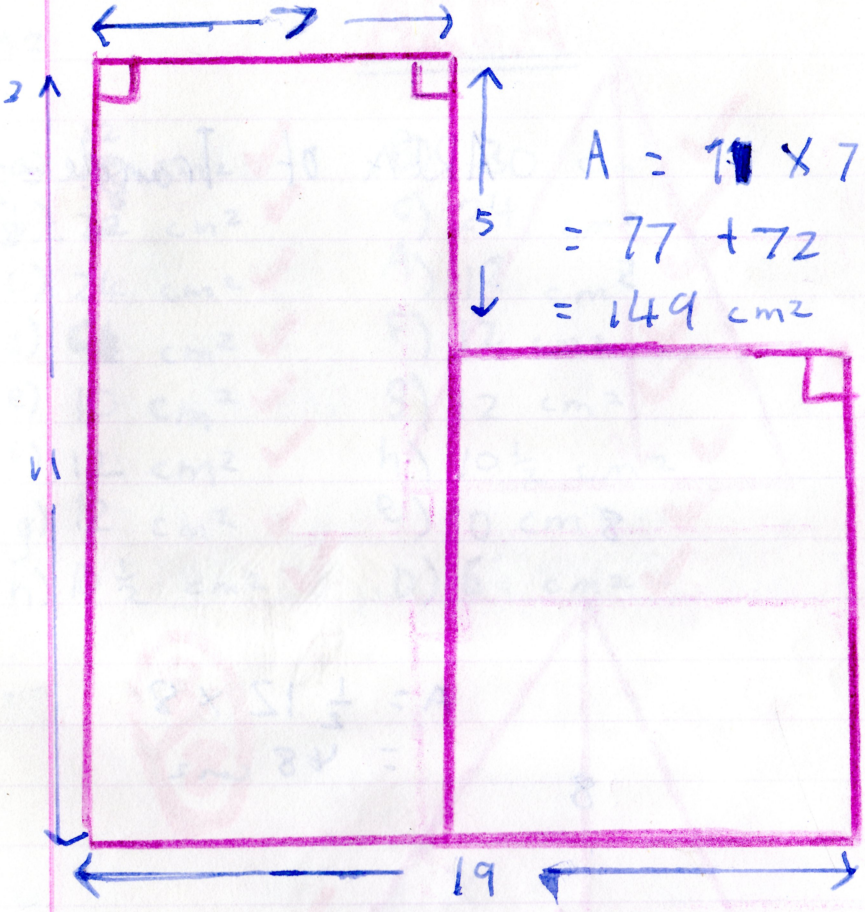


Area $= 5 \times 8$
$= 40\ cm^2$

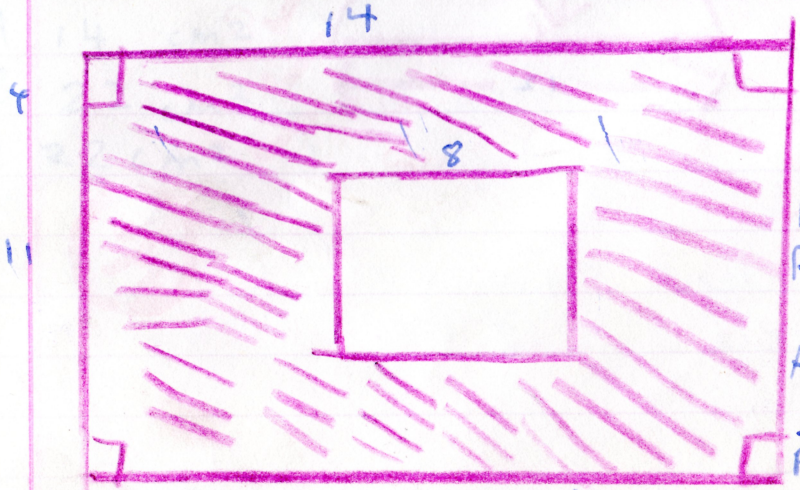
2



A $= 11 \times 13$
$= 143\ cm^2$



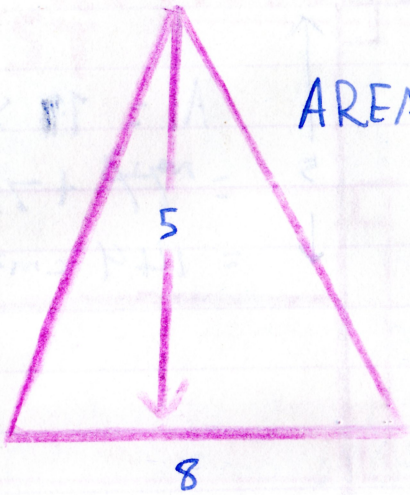
A = 11 × 7 + 12 × 6
= 77 + 72
= 149 cm2



AREA OF LARGE RECTANGLE = 11 × 14
AREA OF small = 154
Reebangle = 56

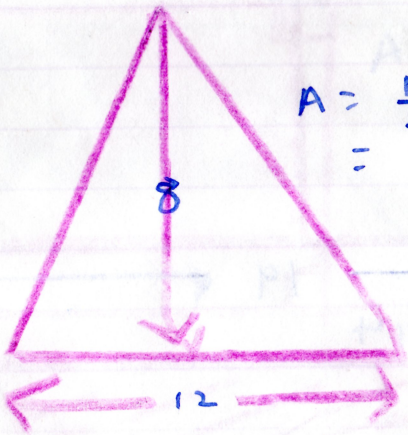
SHADED AREA = 98 cm²

5.



AREA of Triangle $= \frac{1}{2} 8 \times 5$
$= 20 \text{ cm}^2$

6.



$A = \frac{1}{2} 12 \times 8$
$= 48 \text{ cm}^2$

24/6/92

AREA

5)

a) ~~20~~ 12 cm2 ✓
b) ~~12~~ 30 cm2 ✓
c) 24 cm2 ✓
d) 6 cm2 ✓
e) 10 cm2 ✓
f) 12 cm2 ✓
g) 12 cm2 ✓
h) 10 ½ cm2 ✓

B) 30 cm2 ✓
C) 24 cm2 ✓
A) 12 cm2 ✓
F) 12 cm2 ✓
G) 12 cm2 ✓
H) 10 ½ cm2 ✓
E) 10 cm2 ✓
D) 6 cm2 ✓

8/8

A 14 cm2 ✓ cm
B 22 cm2 ✓ cm
C 22 cm2 ✓ cm

3/3

B

SYMMETRY

SY 01
SY 02
0251
SY 03
SY 04
RE1
0880 A,B
1565
1680

Tuesday 7th July 1992

Symmetry

smile 0880

Rectangle = 2
Square = 4 ~~2~~
Parallelogram = 0
Isosceles Triangle = 1
Regular Pentagon = 5
kite = 1
Scalene Triangle = 0
Circle = ~~288~~ Infinite.

Symmetry

Sy 03

Letter Symmetry

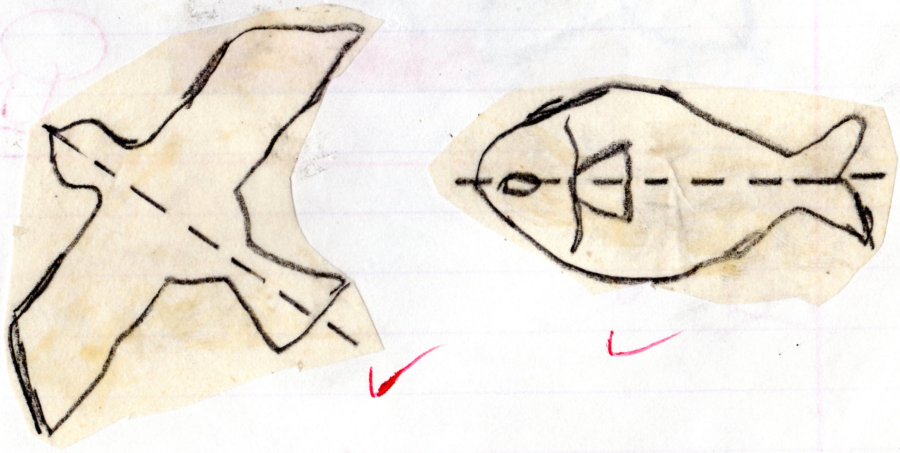
A B C D E F G H I J

K L M N O P Q R S

T U V W X Y Z

Symmetrical shapes

Sy 04

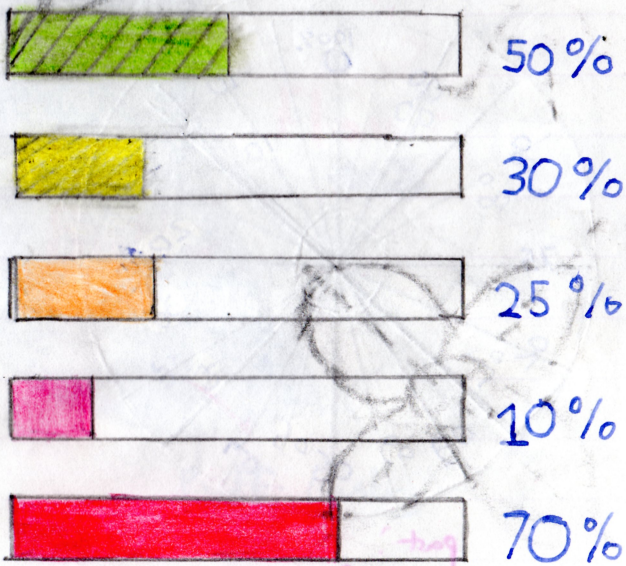


10/9/22

Percentage

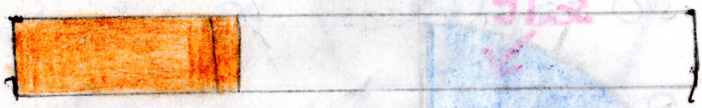
50 % means 50 out of 100.

20 % means 20 out of 100.

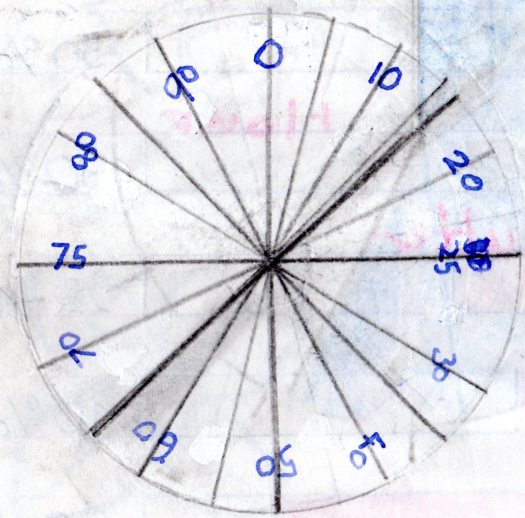


15/9/92

A5.



C1.



part:

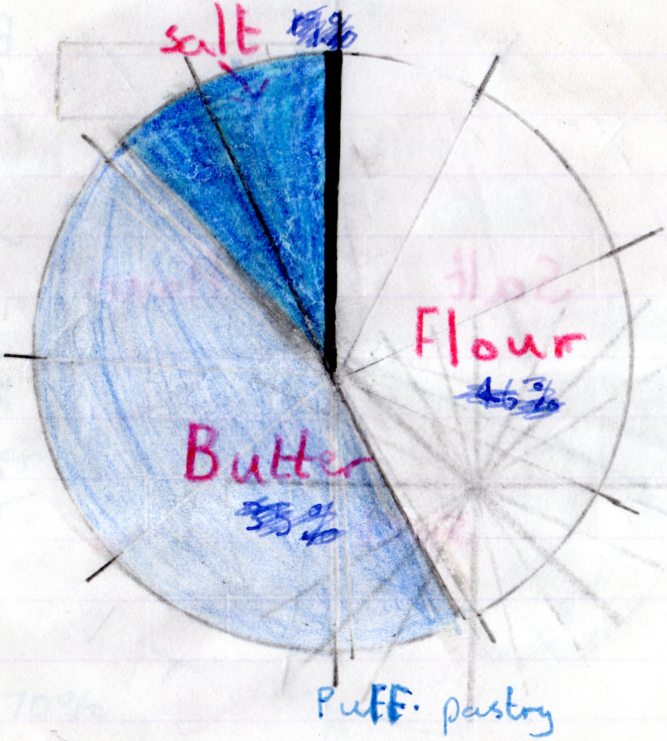
(a) Janes half pie is 30%

(b) Jill half pie is 25% ✗ 20%

Joyce half pie is 45% 50%

Peie

SEE ME WHERE IS A/B ?



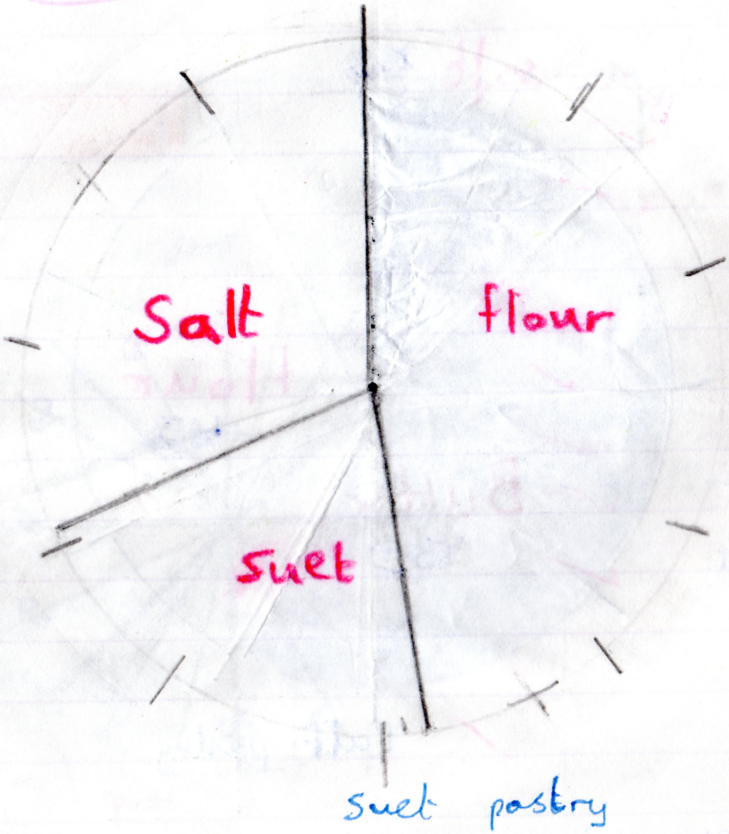
c)

(a) Flour is

(b) butter is

(c) water is

(d) Salt is



C4.

(a) Flour is ~48%

(b) suet is 24%

(c) water is 26%

(d) salt is 2%

22.9.92

A2.

(a) B ✓

(b) A ✓

(c) D ✓

A3.

(a) S Q ✓

(b) ~~Q~~ S ✓

(c) ~~X~~ r ✓

(d) P ✓

A4.

(a) 70% ✓

23.9.92 Percentage

$0.20 = \frac{20}{100} = 20\%$

$0.21 = \frac{21}{100} = 21\%$

$0.30 = \frac{30}{100} = 30\%$

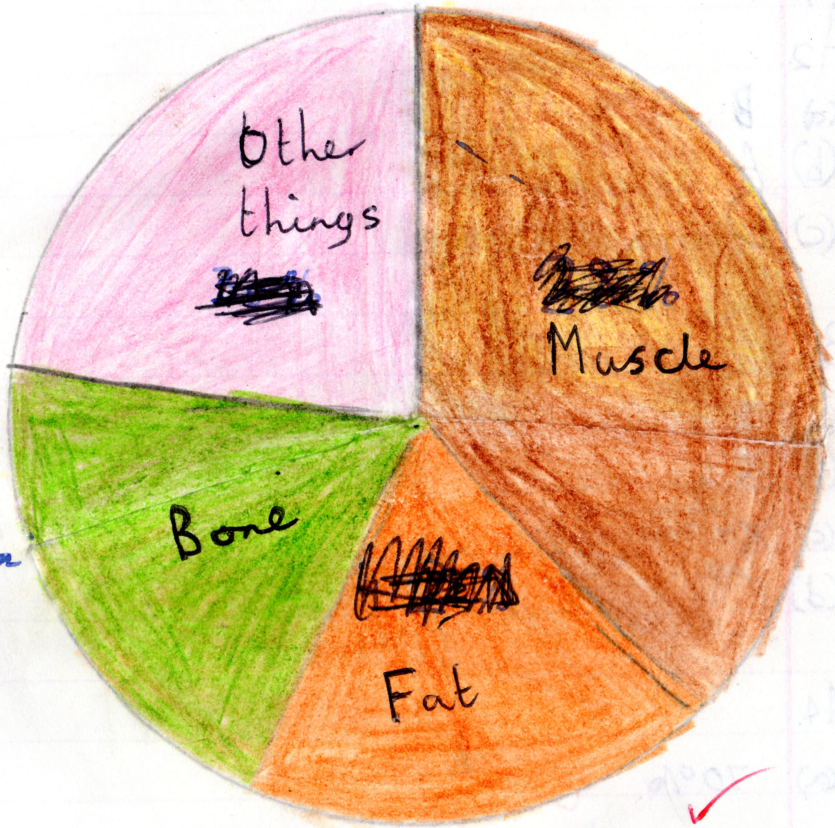
$0.37 = \frac{37}{100} = 37\%$

$0.03 = \frac{3}{100} = 3\%$

$0.50 = \frac{50}{100} = 50\%$

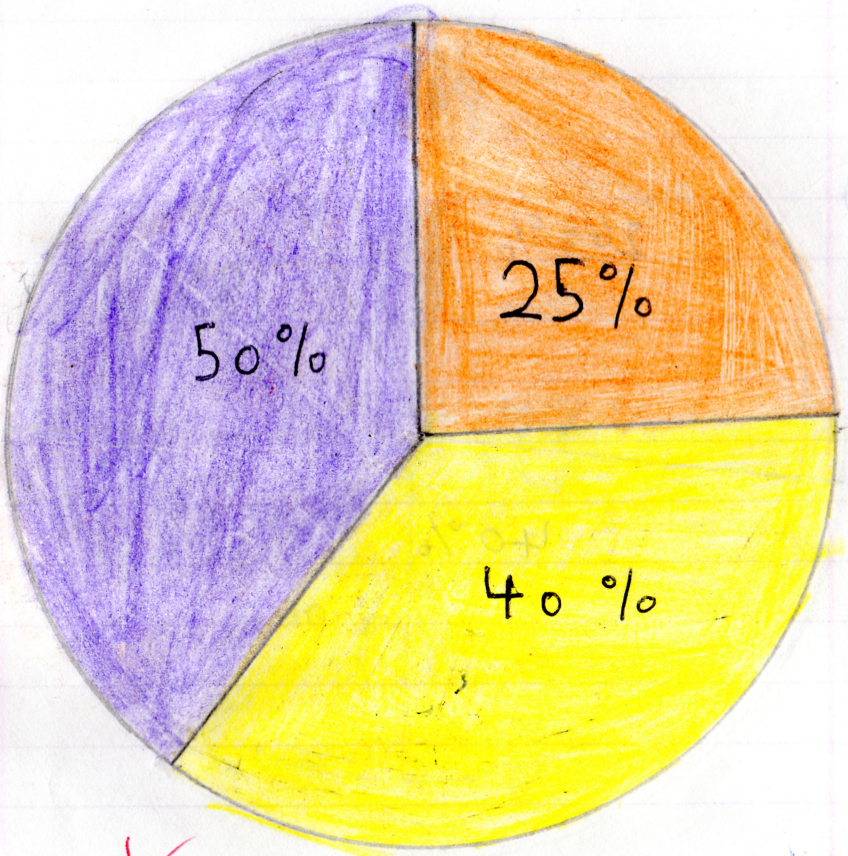
$0.25 = \frac{25}{100} = 25\%$

5



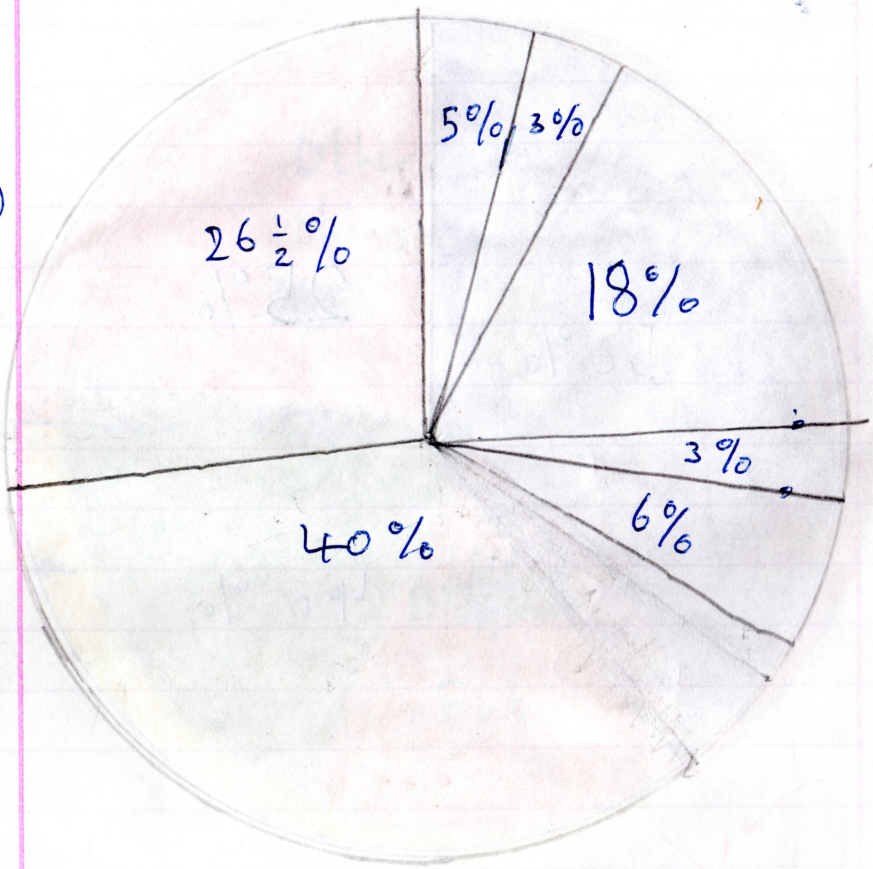
Question number?

5
b

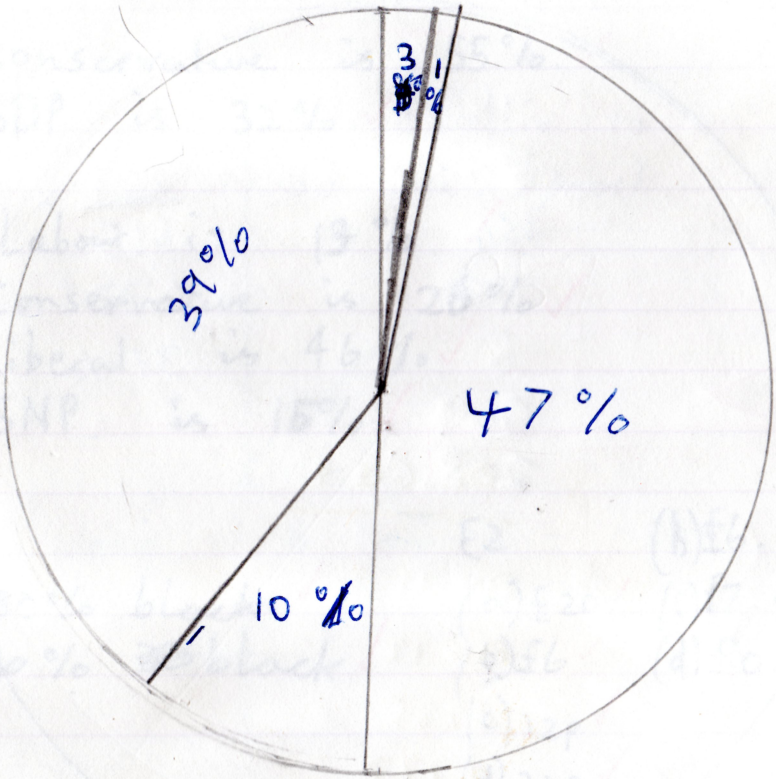


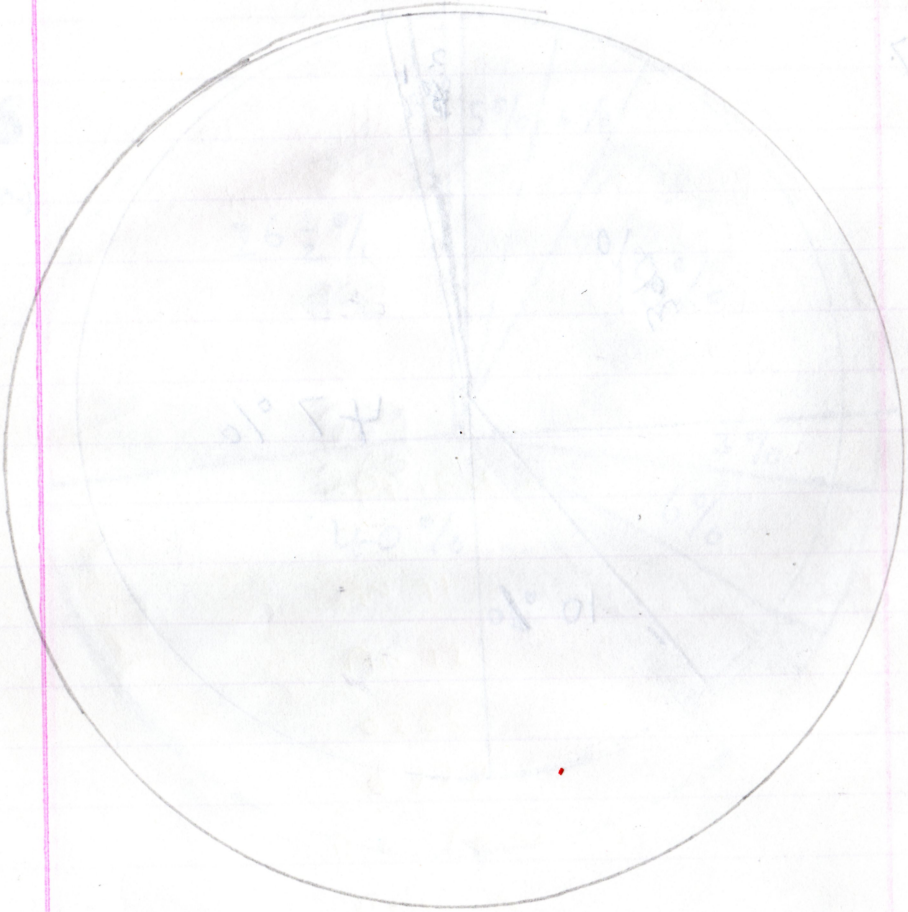
C6

(a)



C7.





C8. Labour is 53%.
Conservative is 28%.
SDP is 20%.

C9.
(a) Labour is 13%.

conservative is 55%. ✓
SDP is 32%. ✓

(b) Labour is 13%. ✓
Conservative is 26% ✓
Liberal is 46% ✓
SNP is 15% ✓

D1
(a) 80% black ✓
(b) 30% ~~30~~ black ✓

D2
(a) 50% blue ✓
(b) 30% blue ✓

E1
(a) £10 ✓
(b) £30 ✓
(c) 42p ✓
(d) 45 kg ✓

E2
(a) £20 ✓
(b) £6 ✓
(c) 12p ✓
(d) 30p ✓

(b) £6.50p ✓
(c) £7.90p ✓
(d) £0.38p ✓

E3
(a) 15p ✓
(b) 60p ✓
(c) £12 ✓
(d) £1.20p ✓

E4.
(a) £6 ✓

E5.
a £2
b £2.40.
c

Test Solution

1/10/92

18 % of village from 25 to 50 $= \frac{209}{565} \times 100$

$= 0.37 \times 100$

$= 37\%$

ANGLE 2

AN 11

AN 12

0285

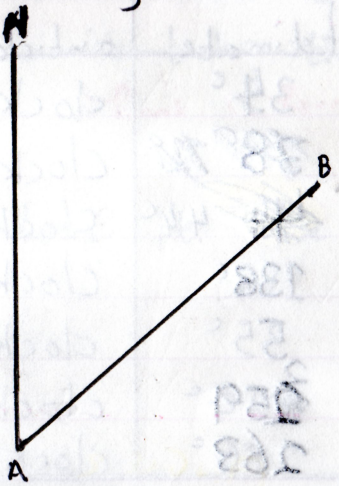
0777

DIME (ROTATION)

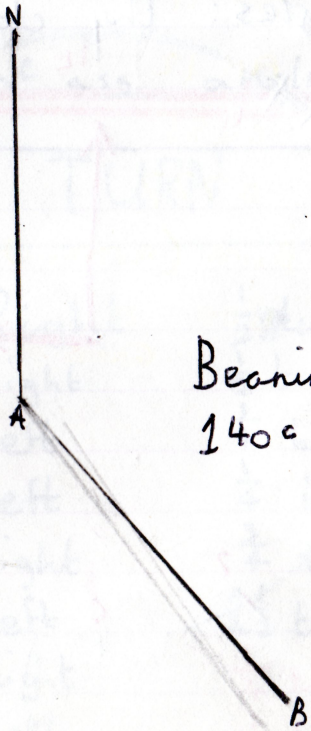
BEA A GAME

Bearings

6.10.92



Bearing of B from A = 050°



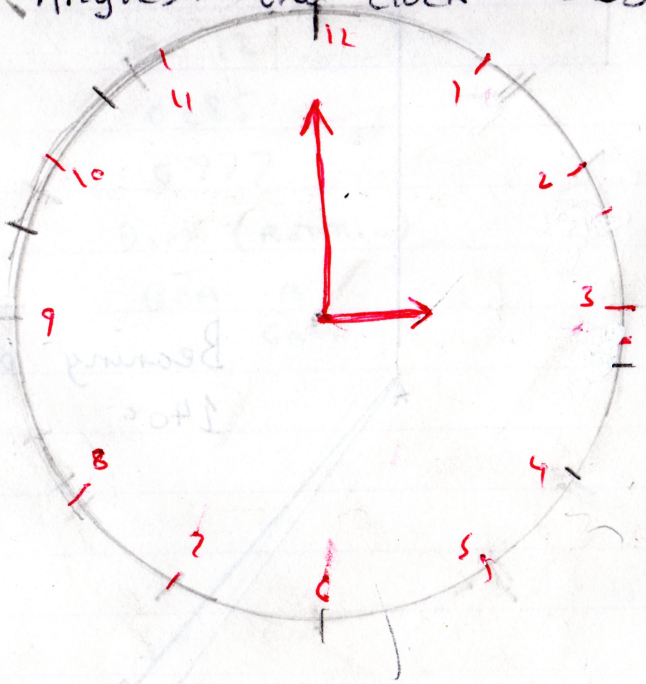
Bearing of B from A = 140°

Satellite Signals 0777

Turn	Estimate	Clockwise or anticlockwise	Measure
A to B	34°	clockwise	34
B to C	72°	clockwise	72°
C to D	44°	clockwise	44°
D to E	138°	clockwise	224°
E to F	55°	clockwise	55°
F to G	259°	clockwise	259°
G to H	268°	clockwise	97°

This is correct

Angles: the clock 0285



It long does it take the hour ~~hour~~.

hand 12 hours to go round once

✓ (67)

1.

✓ (a) How long does it take the hour hand ~~to~~

137 (Anti-clockwise) make

✓

100 (Anti-clockwise)

96

No homework appears to have been done. B

Homework

20/10/92

Comp ass angles AN 11

START	TURN		FINISH	
North	Right	$\frac{1}{2}$ turn	South ✓	
West	Right	$\frac{1}{2}$ turn	South	East
North	Left	$\frac{1}{4}$ turn	North-west	West
South	Left	$\frac{1}{4}$ turn	South-west	East
East	Right	$\frac{3}{4}$ turn	East-south	North
~~South~~	Left	$1\frac{1}{2}$ turns	West	North
North	Right	$\frac{1}{4}$ turn	East ✓	
West	Left	$\frac{1}{2}$ turn	East ✓	

4/11/92

Directed Numbers

0250 ✓
DN 01 ✓
DN 02 ✓
DN 03 ✓
DN 04 ✓

DN 05 ✓

NEG A, B,
0549
DN 06

4/.1/92

Smile 0250

(1) 5 more than 4 is 9

(2) 3 more than 2 is 5

(3) 4 more than 3 is 7

(4) 5 more than 5 is 10

(5) 7 more than 1 is 8

(6) 5 less than 9 is 4

(7) 3 less than 7 is 4

(8) 4 less than 8 is 4

(9) 3 less than 10 is 7

(10) 6 less than 9 is 3

Directed Numbers DN 01

1. 5 more than -1 is 4 ✓
2. 3 more than -2 is 1 ✓
3. 8 more than -3 is 5 ✓
4. 2 more than -4 is -2 ✓
5. 3 more than -6 is -3 ✓
6. 7 ~~more~~ less than 3 is -4 ✗ -4
7. 8 less than 2 is -6 ✗ -6
8. 5 less than -3 is -8 ✗ -8
9. 6 less than 0 is -6 ✗ -6
10. 6 less than -5 is -11 ✗ -11

Look AGAIN

Directed Numbers and size DN 02

1.

a. + 10°C ✓
b. 0°C ✓
c. - 10°C ✓
D. + 5°C ✓
E. - 5°C ✓
F. + 20°C ✓
G. + 15°C ✓
H. + 25°C ✓

I. + 30°C ✓
J. - 15°C ✓

2.

a. + 30°C ✓
b. -15°C ✓
c. -15°C, -10°C, -5°C, 0°C, +5°C, +10°C, +15°C, +20°C, +25°C and + 30°C ✓

D. directed numbers is 1, 5 and 7.

Directed Number DN 03

1.

a. 15m (Helicopter) ✓

b. 10m (Benjy) ✓

c. 2 m (Shark) −2

d. 25m (bird) ✓

e. −12m (Benjy's boat) −12

f. 19m (Top of the light house) ✓

g. −9m (submarine) −9

h. −6m (metal ring) −6

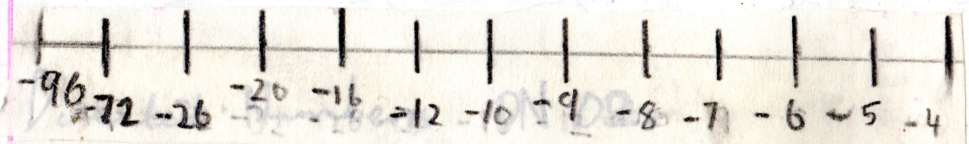
2.

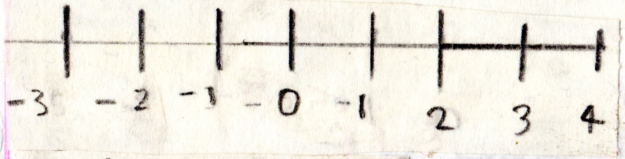
Object	Distance from Sea level
Helicopter	(+15) ✓
Benjy's boat	(−12) ✓
Submarine	(−9) ✓
Bird	(+25) ✓
Benjy	(+10) ✓
top of the light house	(+19) ✓
metal ring	(−6) ✓

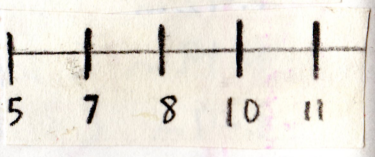
Shark	(-2)

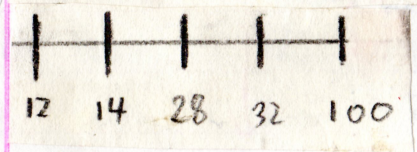
Directed Numbers DN 02

3.



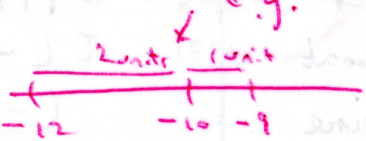






You should not have an equal space between number when differences are not equal.

e.g.



	1	2	3	4	5	6	7	8	9	10	
1	1	2	3	4	5	6	7	8	9	10	1
2	2	4	6	8	10	12	14	16	18	20	2
3	3	6	9	12	15	18	21	24	27	30	3
4	4	8	12	16	20	24	28	32	36	40	4
5	5	10	15	20	25	30	35	40	45	50	5
6	6	12	18	24	30	36	42	48	54	60	6
7	7	14	21	28	35	42	49	56	63	70	7
8	8	16	24	32	40	48	56	64	72	80	8
9	9	18	27	36	45	56	63	72	81	90	9
10	10	20	30	40	50	60	70	80	90	100	10
	1	2	3	4	5	6	7	8	9	10	

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